AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions and listings of claims in the application:

Listing Of Claims:

Please amend the claims as follows:

1-19. (Canceled).

20. (Previously Presented) A cable having a screen, said screen comprising a water sensing wire, said water sensing wire comprising:

a) a conductor; and

b) a water permeable insulation surrounding said conductor; wherein

c) said conductor is formed by a plurality of metal wires with air cavities between the plurality of metal wires, the air cavities configured to allow the cross-sectional shape of the conductor to change when a radial pressure is applied to the insulation.

21. (Previously Presented) The cable according to claim 20, wherein said plurality of wires are stranded according to a predetermined length of pitch and direction of pitch.

22. (Previously Presented) The cable according to claim 20, wherein said conductor is a Litz-wire.

23. (Previously Presented) The cable according to claim 20, wherein one or more polymer filaments are contained as reinforcement inside said water permeable insulation.

24. (Previously Presented) The cable according to claim 23, wherein said polymer filaments are substantially parallel to said conductor.

25. (Previously Presented) The cable according to claim 20, wherein said water permeable insulation comprises insulating braiding.

26. (Previously Presented) The cable according to claim 20, wherein said plurality of wires forming said conductor are copper wires.

27. (Previously Presented) The cable according to claim 23, wherein said polymer filaments are made of Aramid® or Kevlar®.

28. (Previously Presented) The cable according to claim 25, wherein said insulating braiding is made of polyester or polyamide.

29. (Previously Presented) The cable according to claim 23, wherein said polymer filaments and said conductor have an elasticity module such that up to a limit

force at which an elastic deformation of said polymer filaments changes into a plastic deformation, only an elastic deformation is applied to said conductor.

30. (Previously Presented) The cable according to claim 20, wherein said cable is a power cable.

31. (Previously Presented) A cable having a screen, said screen comprising a water sensing wire, said water sensing wire comprising:

a) a conductor; and

b) a water permeable insulation surrounding said conductor;

c) said conductor comprising a variable deformation cross section during application of radial stress.

32. (Previously Presented) The cable according to claim 31, wherein said conductor is formed by a plurality of metal wires having air cavities therebetween.

33. (Canceled)

34. (Previously Presented) The cable according to claim 31, wherein a plurality of reinforcement filaments are provided inside said insulation.

35. (Previously Presented) The cable according to claim 32, wherein a plurality of reinforcement filaments are provided inside said insulation.

36. (Previously Presented) The cable according to claim 20, wherein a plurality of reinforcement filaments are provided inside said insulation.

37. (Previously Presented) The cable according to any one of claims 34, 35 or 36, wherein said metal wires and said reinforcement filaments are arranged such that air cavities are formed between said metal wires and said reinforcement filaments.

38. (Currently Amended) A water sensing wire for a cable, comprising:

a) a conductor; and

b) a water permeable insulation surrounding said conductor; wherein

c) said conductor is formed by a plurality of metal wires with air cavities between the plurality of metal wires, the air cavities configured to allow the cross-sectional shape of the conductor to change when a radial pressure is applied to the water permeable insulation; and wherein further

d) said water sensing wire comprises one or more reinforcement filaments radially internal with respect to an internal radius of said water permeable insulation.

39. (Currently Amended) A water sensing wire for a cable comprising:

a) a conductor; and

b) a water permeable insulation surrounding said conductor;

c) said conductor comprising a variable deformable cross section during application of radial stress;

d) said water sensing wire comprising one or more reinforcement filaments radially internal with respect to an internal radius of said water permeable insulation.

40. (Previously Presented) A cable having a screen, said screen comprising a water sensing wire, said water sensing wire comprising:

a) a conductor;

b) a water permeable insulation surrounding said conductor; wherein

c1) said conductor is a single metal wire; and

c2) one or more reinforcement filaments are provided radially internal with respect to said water permeable insulation.

41. (Currently Amended) A water sensing wire for a cable comprising:

a) a conductor;

b) a water permeable insulation surrounding said conductor; wherein

c1) said conductor is a single metal wire; and

c2) one or more reinforcement filaments are provided radially internal with respect to an internal radius of said water permeable insulation.